

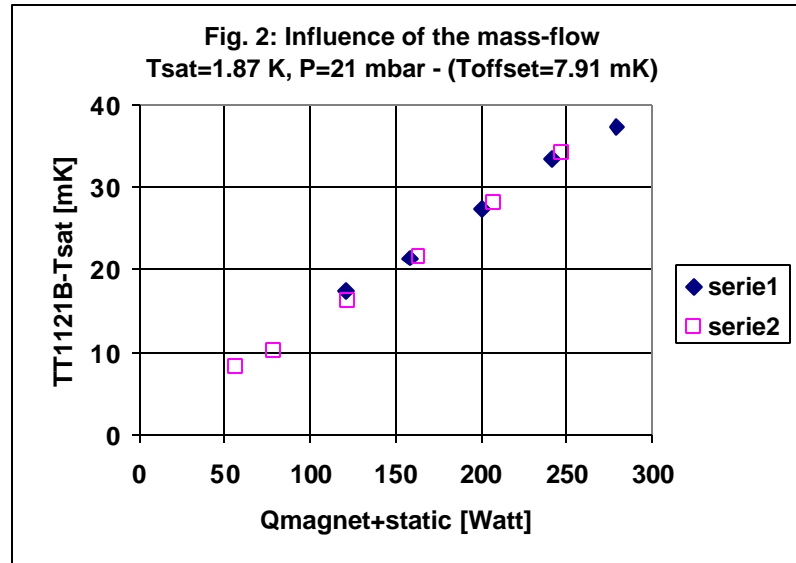
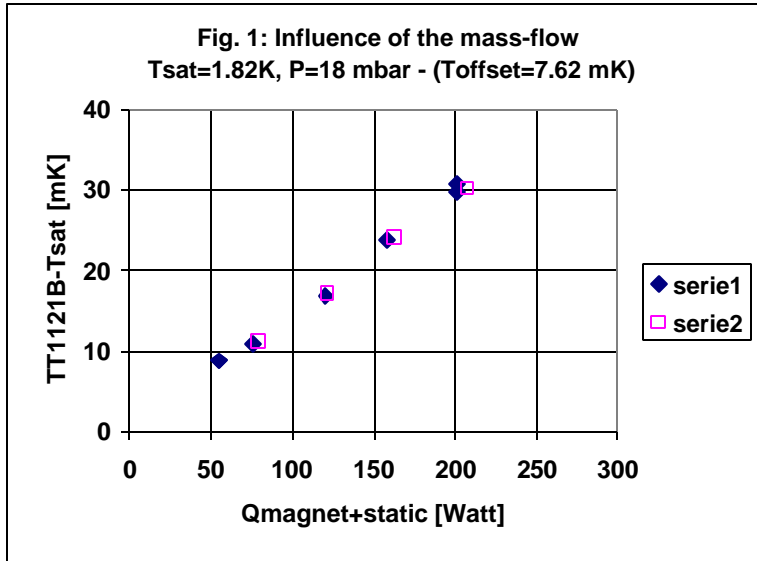
US-IT-HXTU

Comparison of data for saturated pressures equal to 18 and 21 mbar

Figure 1 and 2 plot data measured before and after the 4th of August, serie 1 and serie 2, respectively. The difference of temperature, $TT1121B-T_{sat}$, is shown versus the total heat ($Q_{static}+magnet$). Two saturated pressure bath are studied.

The main difference between both serie 1 and 2, is the used of different mass-flows (i.e. different JT openings).

The error on the measurement is estimated to 2 mK.



C/C : Serie 1 and 2, can be considered as equivalent. Thus, these data points, registred for different mass-flows, should help us to investigate the flow behavior in the US-IT-HXTU.

Other use of the data points:

Fig. 9 and Fig. 11 are part of the presentation available at

http://tspc01.fnal.gov/darve/heat_exchanger/HXTU_status.ppt (see p.24-25)

